

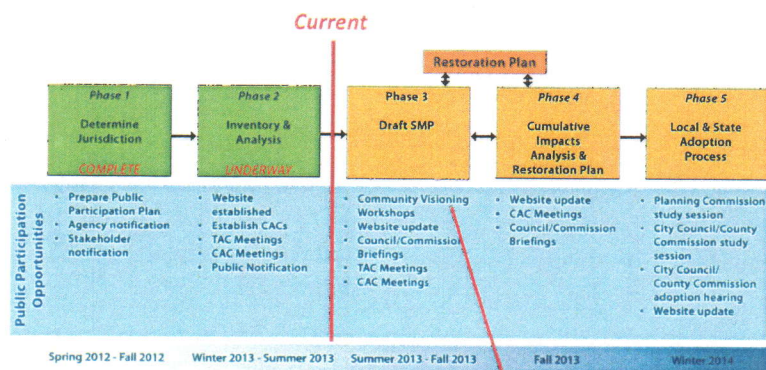
Shoreline Inventory Characterization Report



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SMP Update Process & Timeline



→ Ecology Review and Adoption →

Visioning
 Chehalis – September 25th 6pm
 Randle – October 1st 6pm

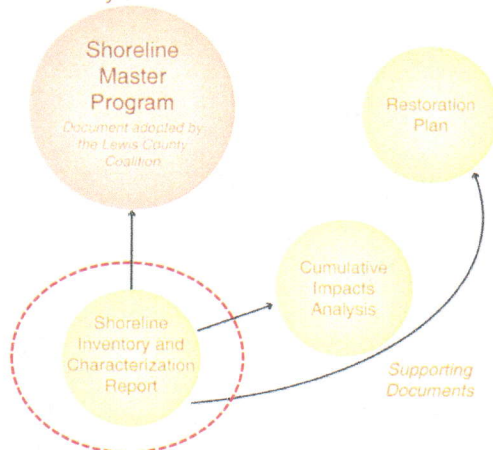


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Shoreline Inventory and Characterization

Primary Document



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Shoreline Inventory and Characterization

- Backbone of the SMP
- Analyzes:
 - Available data
 - Ecosystem characterization and shoreline functions
 - Shoreline use
 - Public access
- Describes existing conditions and development patterns
- Establishes the baseline for “No Net Loss”

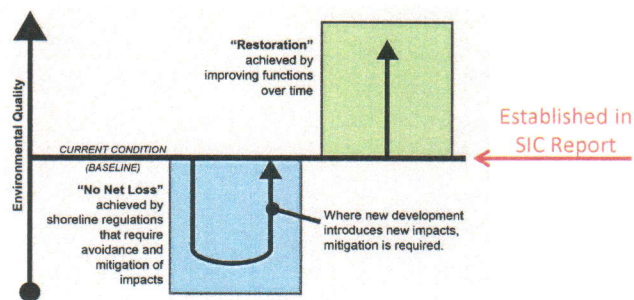


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No Net Loss

- Current condition (baseline) established in the SIC
- Reflects on-the-ground conditions **today**



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Purpose of the SIC

- Basis for environment designations
- Informs development of policies, regulations, and mitigation standards
- Identify opportunities for:
 - Protection of ecological resources
 - Improving public access
 - Supporting water dependent uses

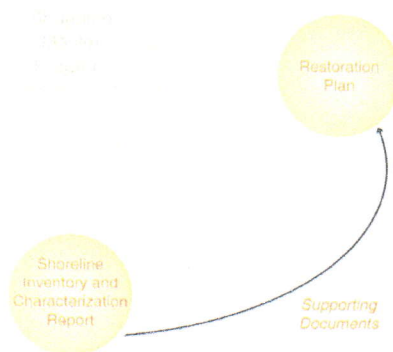


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Purpose of the SIC

- Identify degraded areas and opportunities for restoration detailed in the Restoration Plan



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Shoreline Inventory – How It's Accomplished

- Collect all reasonably available existing data:



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Levels of Analysis

- Shoreline jurisdiction is separated into Management Areas and Reaches
- Management Areas are grouped by:
 - Contributing watersheds
 - Development intensity and land use patterns
 - Physical and biological conditions
 - Municipalities



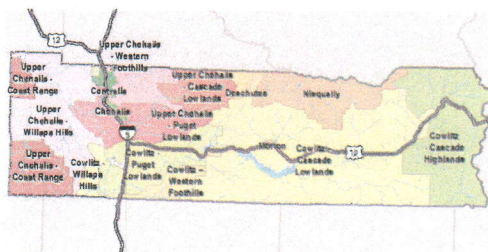
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Management Areas

• 16 Management Areas in Lewis County

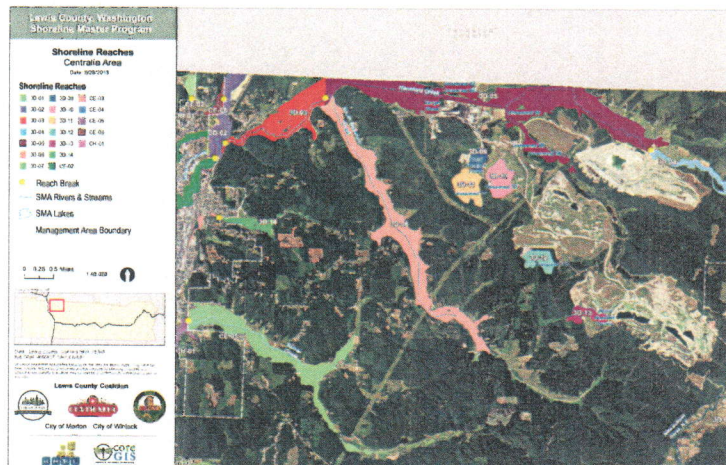
1. Nisqually
2. Deschutes
3. Upper Chehalis - Coast Range
4. Upper Chehalis - Willapa Hills
5. Upper Chehalis - Puget Lowlands
6. Upper Chehalis - Western Foothills
7. Upper Chehalis - Cascade Lowlands
8. Cowlitz - Willapa Hills
9. Cowlitz - Puget Lowlands
10. Cowlitz - Western Foothills
11. Cowlitz - Cascade Lowlands
12. Cowlitz - Cascade Highlands
13. Centralia
14. Chehalis
15. Morton
16. Winlock



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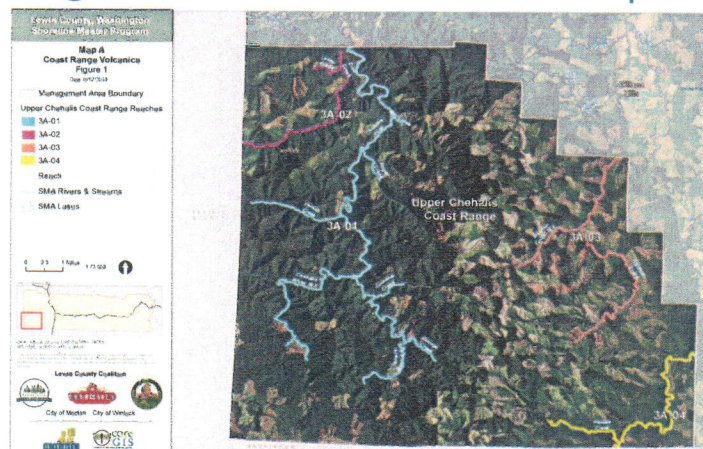
Reaches



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Management Area and Reach Map



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Functional Assessment

- Reach scale assessment
- Uses GIS data and maps, and aerial imagery
- Purpose is to establish baseline conditions
- Different functions for lakes and streams
- Contributes to developing environmental designations

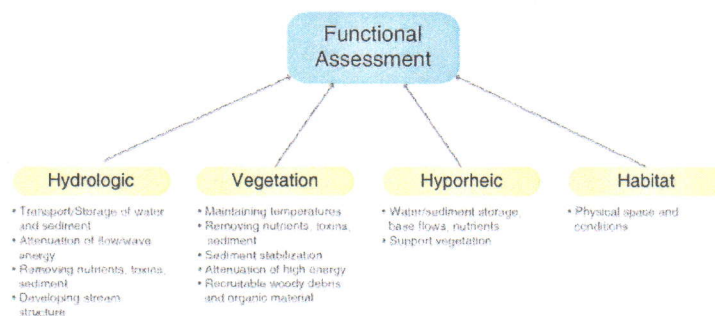


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Functional Assessment

Used twelve criteria in four function groups



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Functional Assessment Score



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Key Findings

- Functions are similar within management areas
- Common impairments related to development:
 - Vegetation loss
 - Dams
 - Culvert fish passage barriers
 - Levees
- Importance of maintaining forest practices



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Key Findings

- Lakes generally had high functions
- Focus for restoration include:
 - Riparian vegetation planting
 - Replace fish blockage culverts
 - Decommission or rehabilitate forest roads
 - Protection of surface water
 - Reconnect floodplains



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Public Visioning Workshops

Purpose:

- Share information from the SIC, including maps and key findings.
- Provide background on shoreline functions, impacts, and preferred uses.
- Collect specific, detailed public input on shoreline conditions, issues, and opportunities.
- Get detailed input on public vision for public access, resource protection and restoration, and demand for water related uses.



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Public Visioning Workshops

Times and Places:

- Western County: September 24, 2013, 6:00 pm,
Veterans Memorial Building, Chehalis
- Eastern County: October 1, 2013, 6:00 pm,
White Pass High School, Randle



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Environment Designations – Next



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ez view Lewis County Shoreline Master Program Update (Portal ID #1754)

Updates Overview Contacts Events Library Links

Map Folio - Countywide

Export data to CSV file
Click to Sort → File Name

File Name	Category	Date Added
Appendix A. 216 Jurisdiction 48000_v4	Map Folio - Countywide	06/07/13 11:53 AM
Appendix A. 218 Jurisdiction 49000_v4	Map Folio - Countywide	06/07/13 10:55 AM
Appendix A. 219 Jurisdiction 50000_v4	Map Folio - Countywide	06/07/13 10:55 AM
Appendix A. 220 Jurisdiction 51000_v4	Map Folio - Countywide	06/07/13 10:55 AM
Appendix A. 221 Jurisdiction 52000_v4	Map Folio - Countywide	06/07/13 10:55 AM
Appendix A. 222 Jurisdiction 53000_v4	Map Folio - Countywide	06/07/13 10:55 AM
Appendix A. 223 Jurisdiction 54000_v4	Map Folio - Countywide	06/07/13 10:55 AM
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Appendix A. 225 Jurisdiction 56000_v4	Map Folio - Countywide	06/07/13 10:55 AM
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<http://lewiscountywa.gov/communitydevelopment/shoreline-master-program>

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